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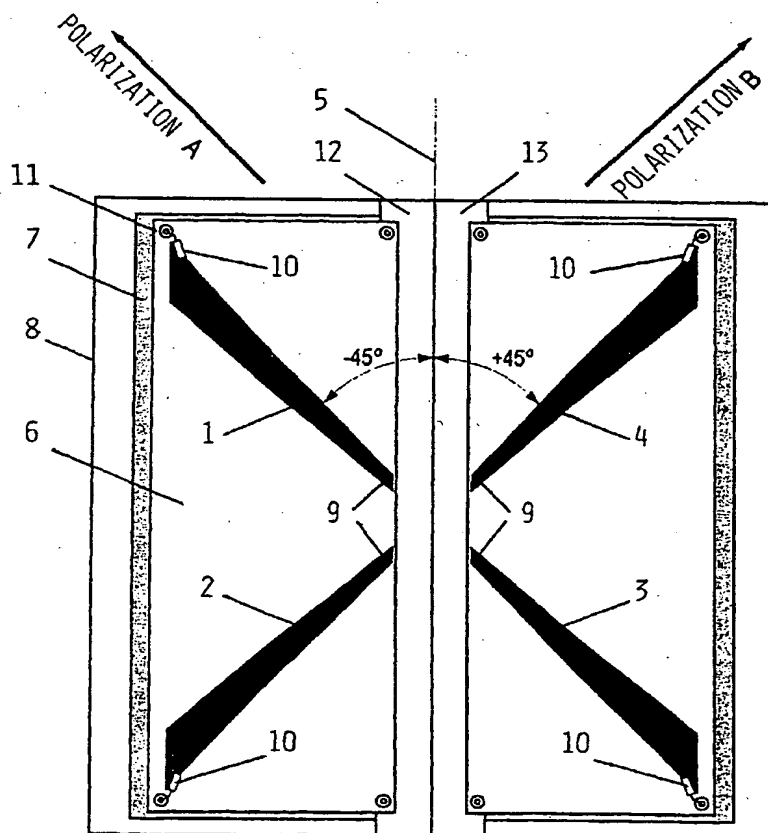
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(54) Title: ANTENNA SYSTEM FOR GEORADAR



(57) Abstract: An antenna system for ground penetrating radar, comprising at least two orthogonally mounted transmitter antenna elements (1, 2) and at least two orthogonally mounted receiver antenna elements (3, 4), in which the antenna elements consist of triangular monopoles formed by adding metal surfaces to a plate carrier (6), made of fibreglass substrate, that is mounted on the bottom side of a layer of radar absorbing material (7), wherein the upper side of the absorber is covered by a metallic ground plane (8).

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